

JAN 15 1982

DPM-460

DAC 25-1837 (REV. 8-70)

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: 3987 ZINC CHROMATE PRIMER
2. MANUFACTURER'S NAME: FULLER-O'BRIEN CORPORATION
3. MANUFACTURER'S ADDRESS: 450 EAST GRAND AVENUE, SOUTH SAN FRANCISCO, CALIF. 94080
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: FLUSH WITH LARGE VOLUMES OF WATER
5. TRANSPORTATION AND STORAGE REQUIREMENTS: AVOID HEAT, FIRE AND SPARKS
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: FLUSH WITH WATER
- B. EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER - CONTACT PHYSICIAN
- C. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED; THEN, GIVE OXYGEN AND CALL PHYSICIAN
- D. ANTIDOTE IN CASE OF SWALLOWING: -
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: -
- B. LOCAL EFFECTS UPON EYES: -
- C. LOCAL EFFECTS UPON SKIN: REPEATED SKIN CONTACT MAY CAUSE CHAPPING
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): HEADACHE, NAUSEA, VOMITING AND LOSS OF CONSCIOUSNESS
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): -
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): 100 PPM
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) 1.22
- B. VAPOR DENSITY (AIR = 1) 2.5
- C. VAPOR PRESSURE mm Hg AT 25° C. 71.2
- D. pH -
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: NON-CORROSIVE

F. DOES THE MATERIAL DECOMPOSE ON EXPOSED TO AIR? WATER? HEAT? STRONG
HIGH TEMPERATURES MAY CAUSE DECOMPOSITION

ZERS? ABNORMALLY

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
TOLUOL <u>TLV = 200 ppm</u>	5.0%
BUTYL ALCOHOL <u>TLV = 100 ppm</u>	2.0%
BUTYL ACETATE <u>TLV = 150 ppm</u>	24.0%
XYLOL <u>TLV = 100 ppm</u>	3.0%
CHEVRON 325 THINNER	6.0%
ZINC CHROMATE AND TALC PIGMENTS <u>TLV = 1 mg/m³</u>	34.5%
PHENOLIC RESIN AND VEGETABLE OIL ALKYD <u>TLV = 5 ppm</u>	25.5%

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? NO

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: USE WITH ADEQUATE VENTILATION

10. RECOMMENDED PROTECTIVE EQUIPMENT: PROTECTIVE GLOVES ARE ADVISABLE; GOGGLES RECOMMENDED FOR EYE PROTECTION

11. A. FLASHPOINT °F: CLOSED CUP 35°F.; OPEN CUP -; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER 1.3; UPPER 12.8

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES -; NO X

D. FIRE POINT °F -; AUTO IGNITION TEMPERATURE °F -

E. VAPOR DENSITY 2.5

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? THERMAL DECOMPOSITION MAY PRODUCE CARBON DIOXIDE AND/OR CARBON MONOXIDE

G. SUITABLE EXTINGUISHING AGENTS: CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES. ORDINARY FOAM FOR LARGE FIRES

12. INFORMATION FURNISHED BY:

TITLE: LEWIS H. RILEY
COMPANY: DIRECTOR TECHNICAL COATINGS LABORATORY
ADDRESS: FULLER-O'BRIEN CORPORATION
450 EAST GRAND AVENUE, SOUTH SAN FRANCISCO, CALIF. 94080
DATE: JANUARY 4, 1972

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.